

PTO/SB/80 (11-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:



Practitioners associated with the Customer Number:

00270

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:



The address associated with Customer Number:

00270

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone			Fax

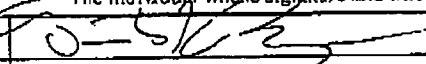
Assignee Name and Address:

The Trustees of the University of Pennsylvania
3160 Chestnut Street, Suite 200
Philadelphia, PA 19104-6283

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	12/22/05
Name	Timothy J. Raynor	Telephone	215-573-4509
Title	Director, Intellectual Property		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TIMOTHY J. RAYNOR
DIRECTOR, INTELLECTUAL PROPERTY
CENTER FOR TECHNOLOGY TRANSFER
UNIVERSITY OF PENNSYLVANIA

PTO/SB/98 (09-04)

Approved for use through 07/31/2008. OMB 0831-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: The Trustees of the University of PennsylvaniaApplication No./Patent No.: 11/510,947Filed/Issue Date: October 28, 2004**RECEIVED
CENTRAL FAX CENTER**Entitled: CHIMERIC EBOLA VIRUS ENVELOPES AND USES THEREFOR**OCT 10 2005**The Trustees of the University of Pennsylvania

(Name of Assignee)

a CORPORATION

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 016505, Frame 0889, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Timothy J. Raynor

Printed or Typed Name

Director, Intellectual Property

Title

Signature

TIMOTHY J. RAYNORDIRECTOR, INTELLECTUAL PROPERTYCENTER FOR TECHNOLOGY TRANSFERUNIVERSITY OF PENNSYLVANIA

Date

6/21/05

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

OCT 10 2005

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

[illegible]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Customer No. 00270

UPN-02811USA

ASSIGNMENT

WHEREAS, James M. Wilson, Gary Kobinger and Maria Fe C. Medina hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled CHIMERIC EBOLA VIRUS ENVELOPES AND USES THEREFOR said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and assigned application serial No. 10/510,947;

WHEREAS, The Trustees of the University of Pennsylvania, a corporation organized and existing under and by virtue of the laws of the (Commonwealth) of Pennsylvania and engaged in business at 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104-6283, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefore;

NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR has sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and in any United States or foreign patent which may be granted on said invention, including any extensions, non-provisionals, divisions, reissues, continuations, or continuations-in-part.

And ASSIGNORS hereby authorizes and requests the Director of the USPTO to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as owner of all right, title and interest therein;

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent of said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns;

And ASSIGNORS hereby authorizes and directs its attorneys to insert, in the space provided below, the serial number of the aforesaid application for Letters Patent of the United States when the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

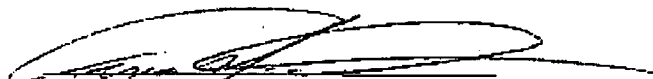
Date 8-16-05

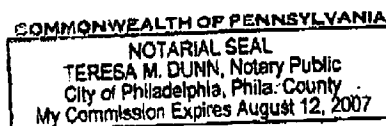

James M. Wilson

NOTARIAL CERTIFICATE

State of Pennsylvania :
County of Philadelphia : ss.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 16 day of August, 2005, personally appeared **James M. Wilson** to me know to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.


Notary Public



IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date _____

Gary Kobinger

NOTARIAL CERTIFICATE

State of _____ :

: ss.

County of _____ :

Before me, the undersigned, a notary public, in and for the county aforesaid, on this _____ day of _____, 2005, personally appeared **Gary Kobinger** to me know to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

Notary Public

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated -
below.

Date _____

Maria Fe C. Medina

NOTARIAL CERTIFICATE

State of _____

: ss.

County of _____

Before me, the undersigned, a notary public, in and for the county aforesaid, on
this _____ day of _____, 2005, personally appeared **Maria Fe C. Medina** to
me know to be the person described in and who executed the foregoing instrument and
who acknowledged the execution of the same as a free act and deed and desired the same
to be recorded as such.

Notary Public

Customer No. 00270

UPN-02811USA

ASSIGNMENT

WHEREAS, James M. Wilson, Gary Kobinger and Maria Fe C. Medina hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled CHIMERIC EBOLA VIRUS ENVELOPES AND USES THEREFOR said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and assigned application serial No. 10/510,947;

WHEREAS, The Trustees of the University of Pennsylvania, a corporation organized and existing under and by virtue of the laws of the (Commonwealth) of Pennsylvania and engaged in business at 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104-6283, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefore;

NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR has sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and in any United States or foreign patent which may be granted on said invention, including any extensions, non-provisionals, divisions, reissues, continuations, or continuations-in-part.

And ASSIGNORS hereby authorizes and requests the Director of the USPTO to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as owner of all right, title and interest therein;

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent of said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns;

And ASSIGNORS hereby authorizes and directs its attorneys to insert, in the space provided below, the serial number of the aforesaid application for Letters Patent of the United States when the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date _____

James M. Wilson

NOTARIAL CERTIFICATE

State of _____ :

: ss.

County of _____ :

Before me, the undersigned, a notary public, in and for the county aforesaid, on this _____ day of _____, 2005, personally appeared **James M. Wilson** to me know to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

Notary Public

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date Aug 16 2005

Gary Kobinger
Gary Kobinger

NOTARIAL CERTIFICATE

Province of Manitoba
State of
Canada : ss.
County of-

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 16th day of Aug, 2005, personally appeared **Gary Kobinger** to me know to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

Sidney Green
Notary Public

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date _____

Maria Fe C. Medina

NOTARIAL CERTIFICATE

State of _____ :
County of _____ : ss.

Before me, the undersigned, a notary public, in and for the county aforesaid, on this _____ day of _____, 2005, personally appeared **Maria Fe C. Medina** to me know to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

Notary Public